

PMO PT046

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 June 2004 (24.06.2004)

PCT

(10) International Publication Number
WO 2004/054214 A1

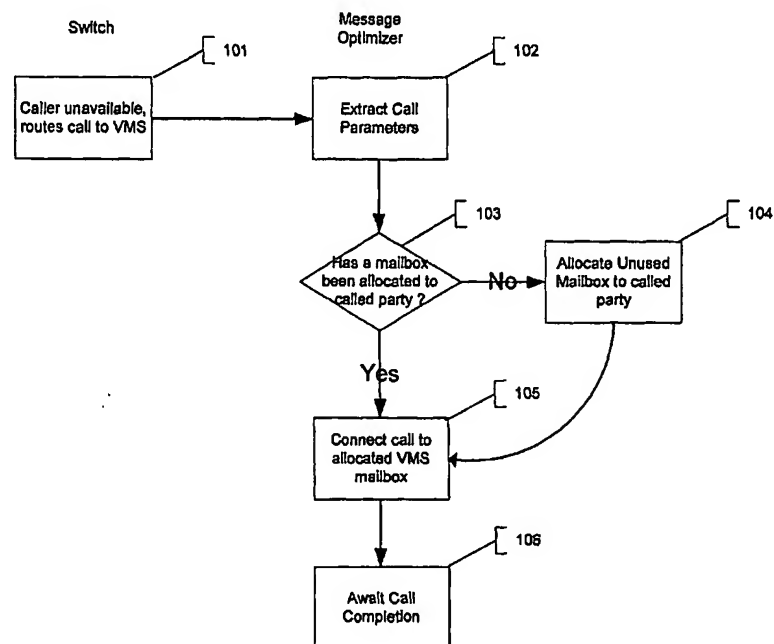
- (51) International Patent Classification⁷: **H04M 1/64**
- (21) International Application Number:
PCT/AU2003/001625
- (22) International Filing Date: 9 December 2003 (09.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2002953210 9 December 2002 (09.12.2002) AU
- (71) Applicant (for all designated States except US): **END-MELL PTY LTD** [AU/AU]; Level 6, 44 Miller Street, North Sydney, New South Wales 2060 (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **O'BRIEN, John, Thomas** [AU/AU]; c/- Level 6, 44 Miller Street, North Sydney, New South Wales 2060 (AU).
- (74) Agents: **ROSE, Ian et al.**; Pipers Patent and Trade Mark Attorneys, Lvl 18, 500 Collins Street, Melbourne, Victoria 3001 (AU).
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: TELEPHONY SERVICE SYSTEM



(57) **Abstract:** A method of automatically allocating a mailbox to a called party in a digital telephone network, including the steps: receiving a call to be routed to a called party; extracting one or more relevant predefined parameters from the call; using one or more of the extracted parameters to determine the existence of a mailbox associated with the called party; if an associated mailbox exists, translating the call to that mailbox address; if there is not a mailbox associated with the called party, allocating a mailbox from a pre-existing pool of mailboxes available for allocation to the called party; diverting the call to the allocated mailbox.

WO 2004/054214 A1